

ADVANCED DATABASE SYSTEMS
PRACTICAL 1

Create a table named "student" having columns,

- i) studentid (primary key)
- ii) name
- iii) surname
- iv) birthdate
- v) gender
- vi) course
- vii) marks

Create table "borrows" having columns,

- i) borrowid
- ii) studentid (foreign key)
- iii) bookid (primary key)
- iv) takendate

Create table "books" having columns,

- i) bookid (foreign key)
- ii) name
- iii) pagecount
- iv) author id (primary key)
- v) type id (primary key)

Create table "authors" having columns,

- i) author id (foreign key)
- ii) name
- iii) surname

Create table "types" having columns,

- i) type id (foreign key)
- ii) name

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After creation of all tables execute the following queries,

- i) Display all data of student table
- ii) Display all data of book table
- iii) Display all data of authors table
- iv) Display all data of types table
- v) List name, surname and class from students
- vi) List names of students in a way that they are seen only once in student table
- vii) List the students studying in course BCA
- viii) Select name of all students starting with A
- ix) Select books having page count between 1 and 100
- x) List all the books in ascending order of their names